



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6005G01631-3G-PO

Job Sheet 185295



Part No: RBW6005G01631-3G-PO **Job Qty:** 2 ea

Part Name: Dial Indicator Swash Plate Scissors Support



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/24/18

Job Tracking No:

Due Date: 12/17/18

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG RBW6005G01631-3G Rev 5. IPP Rev. A 18.10.16 Now outsource DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	2 pcs		12/17/18	0.00	0.00	Purchasing		DEC 17 2018
110	Packaging	2 pcs		12/17/18	0.00	0.00	Packaging2		DEC 17 2018
120	QC	2 pcs		12/17/18	0.00	0.00	QC6		38
130	Packaging	2 pcs		12/17/18	0.00	0.00	Packaging3		21
140	QC21-FG	2 Ea		12/17/18	0.00	0.00	QC21		DEC 18 2018

Part Op 100 - Issue P/O: 041367 MANUFACTURE RBW6005G01631-3G AS PER DWG Supplier: METEC Certificate of Descriptions: conformity is required

Da h GA098

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW6005G01631-3GP	Dial Indicator Swash Plate Scissors Support	2 pcs (1 ea)	100-Purchasing	5137948

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW6005G01631-3GP	2	0	0

Part Specifications

Specifications could not be found.

Plex 10/24/18 2:06 PM dart.Lussier.Patrick



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S137949



Part: RBW6005G01631-3G

Job No: 185295

Serial No/Batch: S137949

Revision: 5

Inspector:

Exp Date:

Instructions:

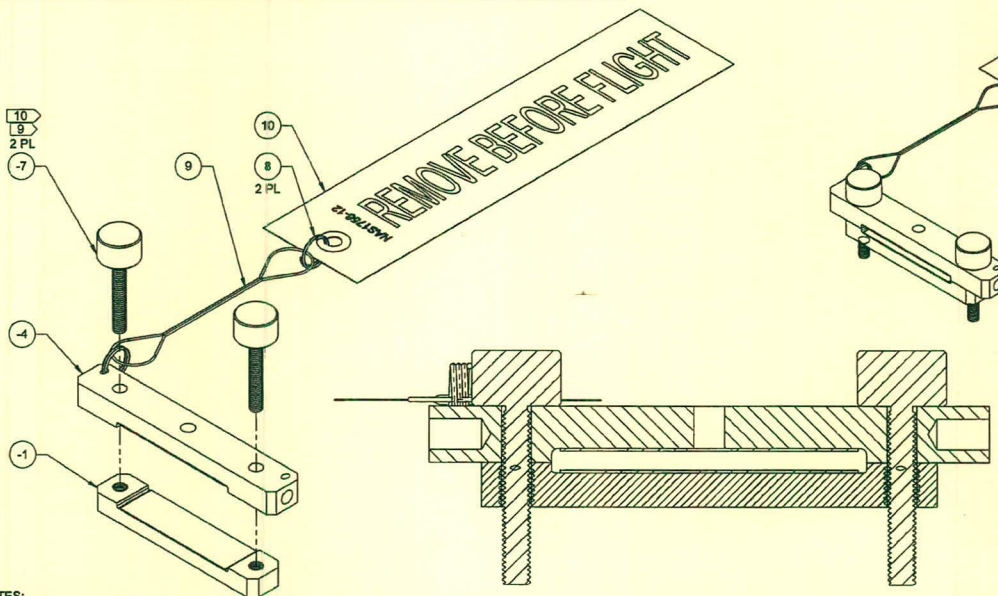
Date: 12/17/18

100. 100

100

100

ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6005G01631-3G-1	BOTTOM CLAMP ASSY
-4	1	RBW6005G01631-3G-4	TOP CLAMP ASSY
-7	2	RBW6005G01631-3G-7	ADJUSTING SCREW
8	2	McMaster#90905A653 OR EQUIV	SS SPLIT RING 13/16" OD x 1/8" THK
9	1	McMaster#90312A271 OR EQUIV	LOOP TO LOOP LANYARD 6" LONG
10	1	NAS 1756-12	FLAG



NOTES:

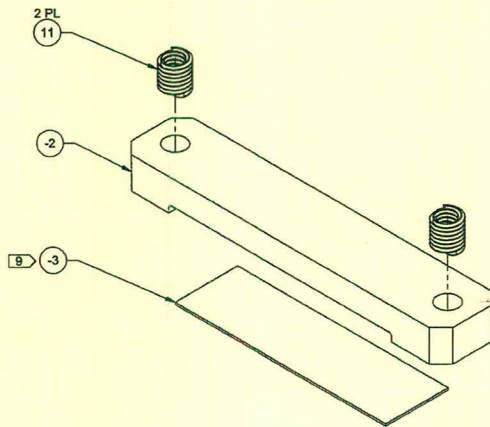
- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1"$
X.XX = $\pm 0.01"$ / $\pm 0.5"$
X.XXX = $\pm 0.005"$ / $\pm 0.1"$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05"$
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN
- 9) APPLY LOCTITE NICKEL BASED ANTI SEIZE ON THREADS OF ITEMS -7 THEN ASSEMBLE WITH ITEMS -4 AND -1
- 10) INSTALL ITEM -7 HAND TIGHT
- 11) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

RBW6005G01631-3G DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT

(11)

A	NEW ISSUE	18-650	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM		
DRAWN	VM		
CHECKED	ML		
MFG. APPR.	DP		
APPROVED	VP		
DATE	8/31/2018		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA TOOL PART # RBW6005G01631-3G REV. A DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT SHEET 1 OF 8 SCALE NTS			
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ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6005G01631-3G-2	BOTTOM CLAMP
-3	1	RBW6005G01631-3G-3	BOTTOM CLAMP PAD
11	2	McMaster#91732A213 OR EQUIV	SS HELICAL INSERT 5/16"-18 x 0.469" LG.



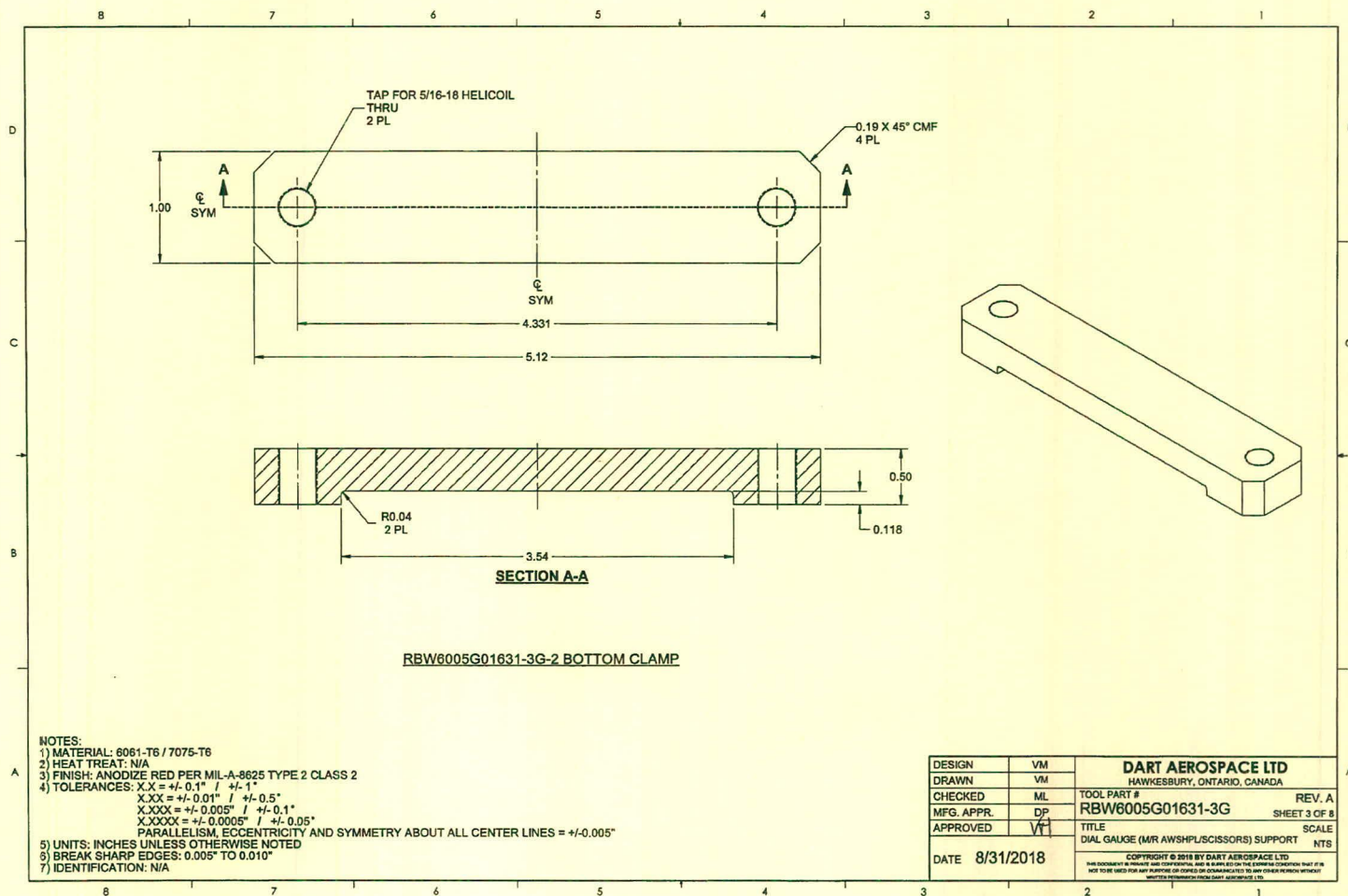
RBW6005G01631-3G-1 BOTTOM CLAMP ASSY

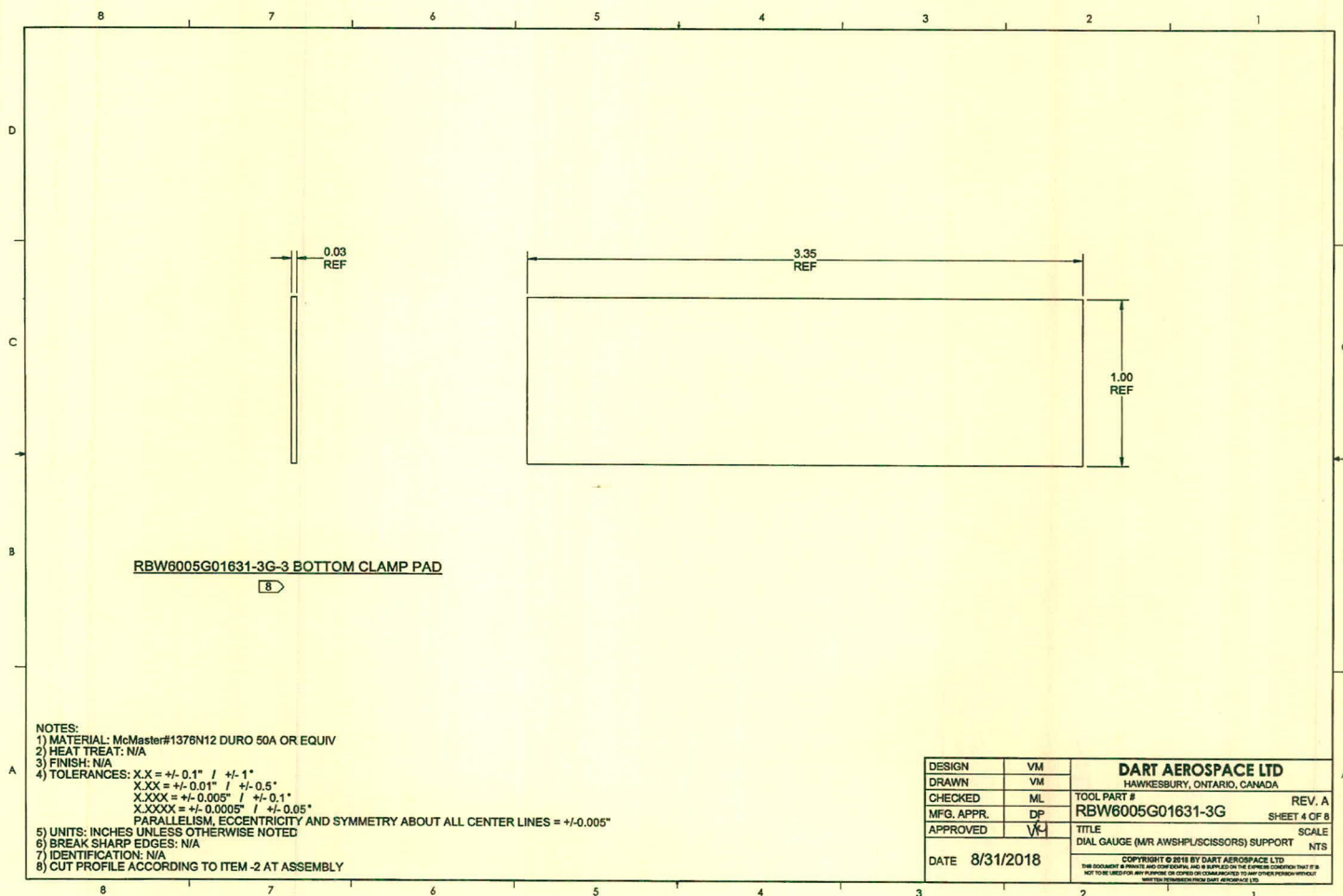
10

NOTES:

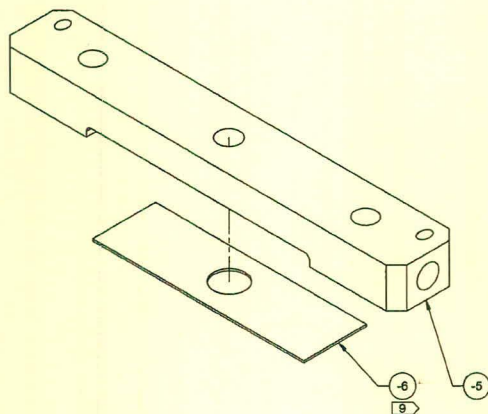
- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1"$
X.XX = $\pm 0.01"$ / $\pm 0.5"$
X.XXX = $\pm 0.005"$ / $\pm 0.1"$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05"$
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN
- 9) ASSEMBLE ITEM -3 ADHESIVE SIDE WITH ITEM -2
- 10) APPLY LOCTITE 945 BETWEEN THE SURFACES OF ITEM -2 AND ITEM -3 IF NECESSARY, AND REMOVE EXCESS

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	TOOL PART #	REV. A
MFG. APPR.	DP	RBW6005G01631-3G	SHEET 2 OF 8
APPROVED	VM	TITLE	SCALE
		DIAL GAUGE (MR AWSHPL/SCISSORS) SUPPORT	NTS
DATE	8/31/2018	COPYRIGHT © 2018 BY DART AEROSPACE LTD	
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ITEM #	QTY	PART #	PART TITLE
-5	1	RBW6005G01631-3G-5	TOP CLAMP
-6	1	RBW6005G01631-3G-6	TOP CLAMP PAD



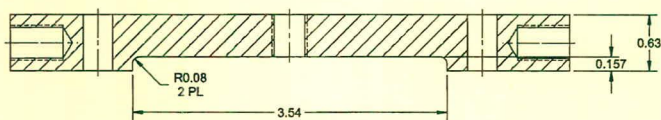
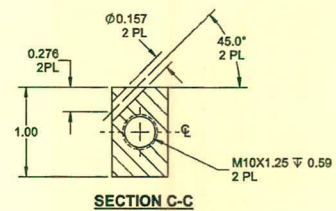
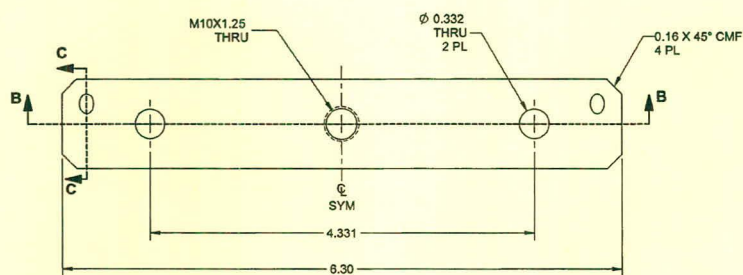
RBW6005G01631-3G-4 TOP CLAMP ASSY

10

NOTES:

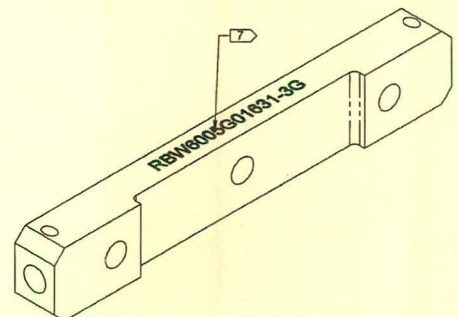
- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: XX = $\pm 0.1"$ / $\pm 1"$
 XXX = $\pm 0.01"$ / $\pm 0.5"$
 XXXX = $\pm 0.005"$ / $\pm 0.1"$
 XXXXX = $\pm 0.0005"$ / $\pm 0.05"$
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN
- 9) ASSEMBLE ITEM -6 ADHESIVE SIDE WITH ITEM -5
- 10) APPLY LOCTITE 945 BETWEEN THE SURFACES OF ITEM -5 AND ITEM -6 IF NECESSARY, AND REMOVE EXCESS

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	TOOL PART #	REV. A
MFG. APPR.	DP	RBW6005G01631-3G	SHEET 5 OF 8
APPROVED	YH	TITLE	SCALE
DATE 8/31/2018		DIAL GAUGE (MIR AWSP/PL/SCISSORS) SUPPORT	NTS
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SECTION B-B

RBW6005G01631-3G-5 TOP CLAMP



NOTES:

- 1) MATERIAL: 6061-T6 / 7075-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1"

X.XX = +/- 0.01" / +/- 0.5"
 X.XXX = +/- 0.005" / +/- 0.1"
 X.XXXX = +/- 0.0005" / +/- 0.05"

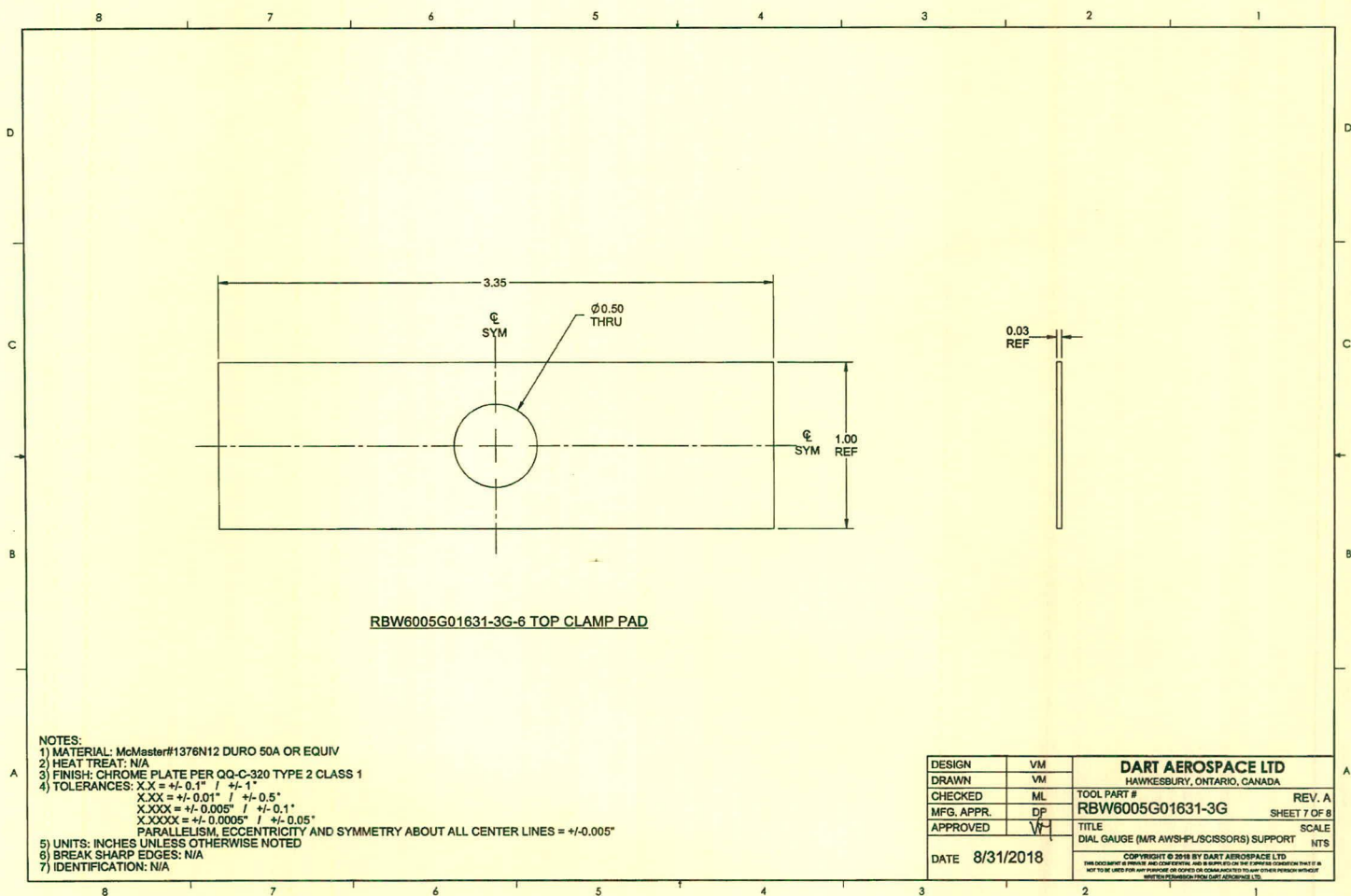
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

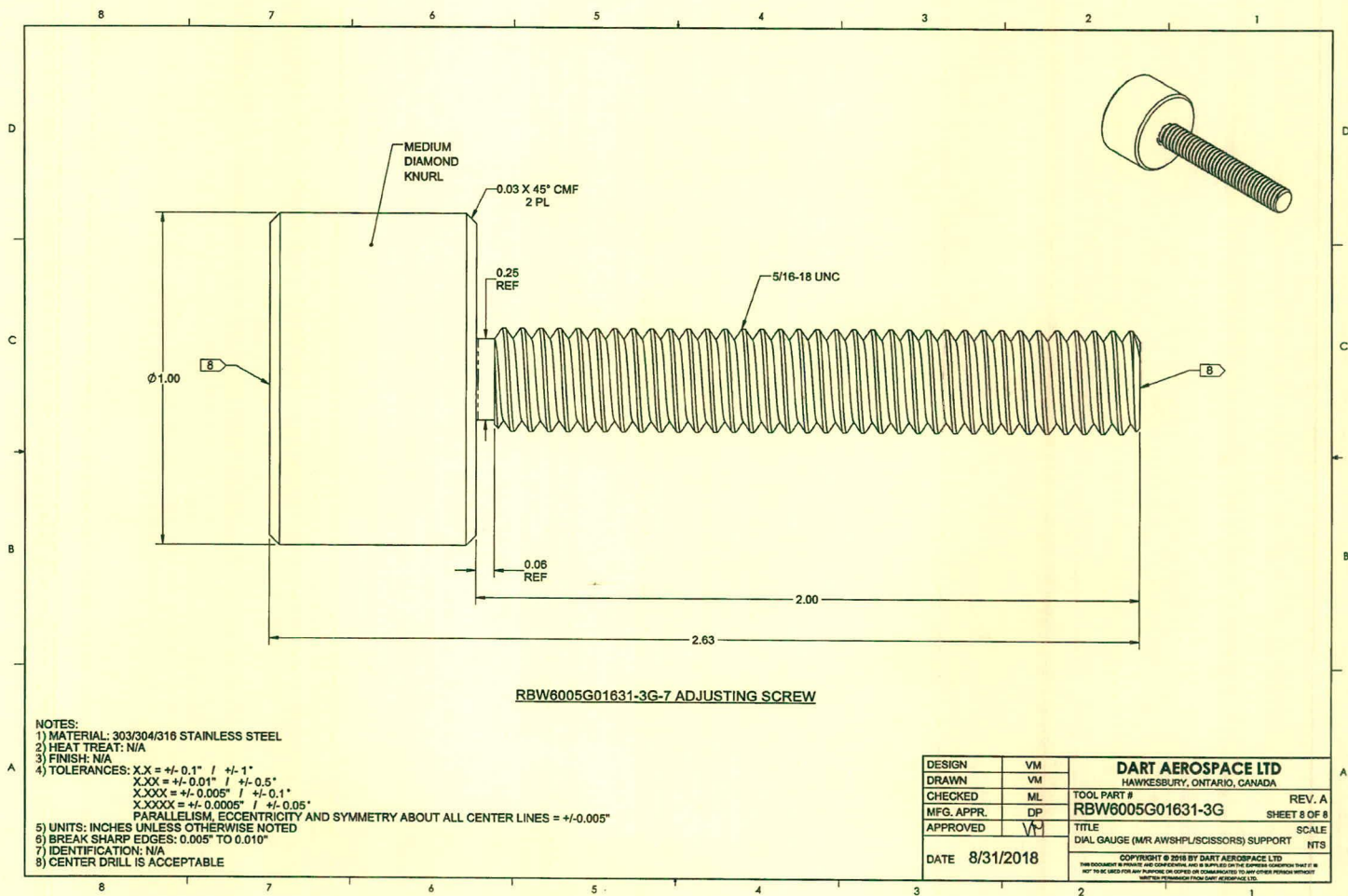
5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	TOOL PART #	REV. A
MFG. APPR.	DP	RBW6005G01631-3G	SHEET 6 OF 8
APPROVED	VJ	TITLE	SCALE
		DIAL GAUGE (M/R AWWHPL/SCISSORS) SUPPORT	NTS
DATE	8/31/2018	COPYRIGHT © 2018 BY DART AEROSPACE LTD	
		THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES OF THE ORDER ONLY. NO PARTS OR MATERIALS ARE TO BE USED FOR ANY OTHER PURPOSE OR FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.	







Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041367**

Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO041367
PO Date: 10/16/18
Due Date: 12/17/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pynt Terms: Net 60
Freight Terms:
Special Comments:

Revised

Items													
Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	185295	RBW6005G01631-3GP			Dial Indicator Swash Plate Scissors Support REV A	Firmed	-	12/17/18	2 pcs	0 pcs	2 pcs	\$1,150.00/pcs	\$2,300.00
Line Item Note SIOP													
2	185392	RBW1205G00231-3GP			Main Rotor Damper Oil Filling Adapter REV 2B	Firmed	-	12/17/18	3 pcs	0 pcs	3 pcs	\$1,000.00/pcs	\$3,000.00
Line Item Note SIOP													
3	185298	RBW6405G00332-3GP			Tail Rotor Pitch Control Adjustment Tool REV 5	Firmed	-	12/17/18	1 pcs	0 pcs	1 pcs	\$1,500.00/pcs	\$1,500.00
Line Item Note SIOP													
4	185299	RBW6005G01531-3GP			Dial Indicator Main Rotor Damper Support REV 2	Firmed	-	12/17/18	2 pcs	0 pcs	2 pcs	\$900.00/pcs	\$1,800.00
Line Item Note SIOP													
5	185300	RBW6405G00531-3GP			Tail Rotor Damper Length Adjustment Tool REV A	Firmed	-	12/17/18	2 pcs	0 pcs	2 pcs	\$700.00/pcs	\$1,400.00
Line Item Note SIOP													
6	185301	RBW6405G02131-3GP			Tail Rotor Blade Damper Attachment Bushing Removal REV D	Firmed	-	12/17/18	2 pcs	0 pcs	2 pcs	\$500.00/pcs	\$1,000.00
Line Item Note SIOP													
7	185302	RBW6205G05951-3GP			RBW6205G05951-3GP REV 2	Firmed	-	12/17/18	2 pcs	0 pcs	2 pcs	\$450.00/pcs	\$900.00
Line Item Note SIOP													



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041367**

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8	185303	RBW3205G00151-3GP			Main Landing Gear R&R Wrench REV 2	Firmed	-	12/17/18	2 pcs	0 pcs	2 pcs	\$400.00/pcs	\$800.00
Line Item Note: SIOP <i>ORDER 7393 22 Jan 2019</i>													
9	185349	RBW6205G26631-3GP			Wrench, MR Scissor Retaining Nut Removal/Install REV 2	Firmed	-	12/17/18	2 pcs	0 pcs	2 pcs	\$280.00/pcs	\$560.00
Line Item Note: SIOP													
10	185352	RBW6205G26551-3GP			Main Rotor Scissor Locknut REV B	Firmed	-	12/17/18	2 Ea	0 Ea	2 Ea	\$175.00/Ea	\$350.00
Line Item Note: SIOP <i>2X DEC 17 2018</i>													
11	185353	RBW109-3101-58-2P			Hammer, Aluminum, Blade Corrosion and Voids Detection REV 3	Firmed	-	12/17/18	2 pcs	0 pcs	2 pcs	\$150.00/pcs	\$300.00
Line Item Note: SIOP													
12	185354	RBW109-3101-58-1P			Hammer, Steel, Blade Corrosion and Voids Detection REV 3	Firmed	-	12/17/18	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00
Line Item Note: SIOP													
13	185406	RBW6205G03451-3GP			Bolt Guide Removal & Install REV 2B	Firmed	-	12/17/18	3 Ea	0 Ea	3 Ea	\$625.00/Ea	\$1,875.00
Line Item Note: SUB ASSEMBLY OF RBW6205G00331-3G <i>ORDER 7393 22 Jan 2018</i>													
14	185407	RBW6205G08451-3GP			Puller Bolt Removal REV 2B	Firmed	-	12/17/18	3 Ea	0 Ea	3 Ea	\$625.00/Ea	\$1,875.00
Line Item Note: SUB ASSEMBLY OF RBW6205G00331-3G <i>3X DEC 17 2018 ORDER 7393 22 Jan 2018</i>													
15	185423	RBW6205G08031-3GP			Main Rotor Flanged Bushing Removal Tool REV 2	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$1,125.00/Ea	\$1,125.00
Line Item Note: SUB ASSY FOR RBW6205G06231-3G <i>1X DEC 17 2018 ORDER 7393 22 Jan 2018</i>													
16	185424	RBW6205G08131-3GP			Main Rotor Flanged Bushing Install Tool REV 2	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$1,125.00/Ea	\$1,125.00
Line Item Note: SUB ASSY FOR RBW6205G06231-3G <i>1X DEC 17 2018 ORDER 7393 22 Jan 2018</i>													
17	185429	RBW6405G08832-3GP			Tail Rotor Bushing Install Tool As Per Dwg RBW6405G08832-3G Rev/ D	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$875.00/Ea	\$875.00
Line Item Note: SUB ASSY FOR RBW6405G08832-3G <i>ORDER 7393 08 Jan 2019</i>													



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041367**

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
18		RBW6405G08732-3GP			Tail Rotor Bushing Removal Tool RBW6405G08732-3G Rev. E	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$875.00/Ea	\$875.00
Line Item Note SUB ASSY FOR RBW6405G08632-3G													
19	185430	RBW6205G10451-3GP			Threaded Rod	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$208.33/Ea	\$208.33
Line Item Note SUB ASSY FOR RBW6205G08931-3G													
20	185431	RBW6205G10551-3GP			Hammer	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$208.33/Ea	\$208.33
Line Item Note SUB ASSY FOR RBW6205G08931-3G													
21	185432	RBW6205G10351-3GP			Guide REV 1	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$208.33/Ea	\$208.33
Line Item Note SUB ASSY FOR RBW6205G08931-3G													
22	185433	RBW6205G10251-3GP			Threaded Rod	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$208.33/Ea	\$208.33
Line Item Note SUB ASSY FOR RBW6205G08931-3G													
23	185434	RBW6205G10151-3GP			Pusher REV 1	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$208.33/Ea	\$208.33
Line Item Note SUB ASSY FOR RBW6205G08931-3G													
24	185435	RBW6205G10651-3GP			Stop	Firmed	-	12/17/18	1 Ea	0 Ea	1 Ea	\$208.33/Ea	\$208.33
Line Item Note SUB ASSY FOR RBW6205G08931-3G													
25	185461	RBW6305G26631-3G-1P			Pin REV 2	Firmed	-	12/17/18	8 Ea	0 Ea	8 Ea	\$56.25/Ea	\$450.00
Line Item Note SUB ASSY FOR RBW6305G26631-3G													
26	185462	RBW6305G26631-3G-3P			Handle REV 2	Firmed	-	12/17/18	8 Ea	0 Ea	8 Ea	\$56.25/Ea	\$450.00
Line Item Note SUB ASSY FOR RBW6305G26631-3G													
												Grand Total:	\$23,959.98

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/29/18 8:45 AM dart.Lussier.Patrick

Packing List

Bill Dart Aerospace Ltd.
To: 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Canada

Ship Dart Aerospace Ltd.
To: 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Canada

Shipment No: 24399
Shipment Date: 17-Dec-2018
Ship Via: our truck
Order Number: 3096
Order Date: 10/17/18

Customer Code: DART
Phone: (613) 632-9577
PO Number: PO041367 ✓
Terms: Net 60 Days

----- Quantity -----								Job
<u>Item</u>	<u>Open</u>	<u>Shipped</u>	<u>B/O</u>	<u>Canceled</u>	<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Number</u>
1	2	2	0	0	EA	DART-RBW6005G01631-3GP Dial Guage (M/R Awshpl/Scissors) Support	A	3096-01

DAS
38
9-89

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	P.O. Number
2	DART-RBW6005G01631- 3GP	Dial Guage (M/R Awshpl/Scissors) Support	A	41367

DAS
38
3-89

MATERIAL: supplied by METEC

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

George Theoret

Vankleek Hill, December 17, 2018

STATE OF NEW YORK

OFFICE OF THE
COMMISSIONER OF
THE STATE OF NEW YORK

IN SENATE,
JANUARY 1, 1947.

REPORT OF THE

COMMISSIONER OF THE STATE OF NEW YORK

FOR THE YEAR
1946

ALBANY, N. Y.